

WO 03/072799

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221324.Sequence Listing as filed by diskette Feb 21, 2003  
SEQUENCE LISTING

10/505377

<110> GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY,  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
LOBANENKOV, VICTOR V  
LOUKINOV, DMITRI I  
MORSE, HERBERT C

<120> BROTHER OF THE REGULATOR OF IMPRINTED SITES (BORIS)

<130> 221324

<150> US 60/358,889

<151> 2002-02-22

<160> 49

<170> PatentIn version 3.1

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<211> 3541

<212> DNA

<213> Homo sapiens

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Ala Glu Arg Thr Ser Gly Ala Phe Gln Asp Ser Val Leu Glu Glu Glu  
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Gln Gln Pro Gly Pro Gly Leu Leu Trp Leu Glu Glu Gly Pro Arg Gln  
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Ser Leu Gln Gln Cys Val Ala Ile Ser Ile Gln Gln Glu Leu Tyr Ser  
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Ala Glu Arg Thr Lys Glu Gln Leu Phe Phe Val Glu Thr Met Ser Gly  
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Asp Glu Arg Ser Asp Glu Ile Val Leu Thr Val Ser Asn Ser Asn Val  
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Ala Lys Ser Thr Lys Asn Gln Arg Lys Thr Lys Gly Ala Lys Gly Thr  
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Phe His Cys Asp Val Cys Met Phe Thr Ser Ser Arg Met Ser Ser Phe  
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Asn Thr His Thr Gly Thr Arg Pro Tyr Lys Cys Asn Asp Cys Asn Met  
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Thr His Glu Lys Pro Phe Lys Cys Ser Met Cys Lys Tyr Ala Ser Val  
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Glu Ala Ser Lys Leu Lys Arg His Val Arg Ser His Thr Gly Glu Arg  
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Lys Asn Glu Lys Arg Phe Lys Cys Lys His Cys Ser Tyr Ala Cys Lys  
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Gln Glu Arg His Met Thr Ala His Ile Arg Thr His Thr Gly Glu Lys  
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Leu Asn Ala His Phe Arg Lys Tyr His Asp Ala Asn Phe Ile Pro Thr  
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Val Tyr Lys Cys Ser Lys Cys Gly Lys Gly Phe Ser Arg Trp Ile Asn  
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Leu His Arg His Ser Glu Lys Cys Gly Ser Gly Glu Ala Lys Ser Ala  
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Ala Ser Gly Lys Gly Arg Arg Thr Arg Lys Arg Lys Gln Thr Ile Leu  
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Lys Glu Ala Thr Lys Gly Gln Lys Glu Ala Ala Lys Gly Trp Lys Glu  
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Gly Glu Gln Phe Pro Gly Glu Met Phe Pro Val Ala Cys Arg Glu Thr  
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Thr Ala Arg Val Lys Glu Glu Val Asp Glu Gly Val Thr Cys Glu Met  
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Glu Ala Glu Asn Ser Cys Leu Leu Leu Glu Ala Arg Ala Pro Val Glu  
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Ser Asp Arg Arg Ile Leu Thr Leu Gln Thr Val His Leu Glu Ser Gln  
 65 70 75 80

Asp Val His Leu Gln Gly Leu Gly Trp Leu Ser Val Pro His Ser Glu  
 85 90 95

Glu Leu Ser Gly Thr Val Pro Glu Ala Glu Gly Ile Leu Gln Leu Pro  
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Val Thr Val Ser Ile Pro Glu Glu Leu Tyr Pro Pro Glu Glu Leu Gln  
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Arg Ile His Phe His Leu Leu Arg Glu Asn Val Leu Met Ala Glu Glu  
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Asn Pro Glu Leu Thr Pro Asp Leu Asp Glu Ser Thr Ala Leu Lys Lys  
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Pro Glu Glu Asp Glu Lys Asp Gln Leu Pro Pro Gln Gly Glu Thr Asp  
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Lys Arg Glu Glu Arg Leu Leu Leu Leu Glu Met Lys Pro Lys Glu Gly  
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Lys Asp Asp Glu Ile Val Leu Thr Ile Ser His Leu Ser Leu Glu Glu  
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Gln Gln Asp Pro Pro Ala Ala Asn Gln Thr Ser Val Pro Gly Ala Lys  
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Phe Gln Cys Asp Thr Cys Pro Phe Thr Ser Ser Lys Leu Ser Thr Phe  
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Pro Phe Gln Cys Cys Gln Cys Ala Tyr Ala Ser Arg Asp Ser Tyr Lys  
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Pro Thr Cys His Val Arg Phe Thr Gln Ser Gly Thr Met Lys Ile His  
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Cys Ala Thr Ile Ile Ala Arg Lys Ser Asp Leu Arg Val His Leu Arg  
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Gln Glu Arg Cys Leu Lys Ala His Met Arg Met His Thr Gly Glu Lys  
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Leu Gly His Gln Gly Glu Ala Ala Gly Ser Gln Ser Pro Asp His Gly  
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221324.Sequence Listing as filed by diskette Feb 21, 2003

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&lt;400&gt; 25

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17

&lt;210&gt; 26

&lt;211&gt; 17

&lt;212&gt; DNA

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&lt;223&gt; Synthetic

&lt;400&gt; 26

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17

&lt;210&gt; 27

&lt;211&gt; 17

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Synthetic

&lt;400&gt; 27

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&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Synthetic

&lt;400&gt; 28

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20

&lt;210&gt; 29

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Synthetic

&lt;400&gt; 29

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18

&lt;210&gt; 30

&lt;211&gt; 19

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

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221324.Sequence Listing as filed by diskette Feb 21, 2003  
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27

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29

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19

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221324.Sequence Listing as filed by diskette Feb 21, 2003 10/505377

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18

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18

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21

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221324.Sequence Listing as filed by diskette Feb 21, 2003

10/505377

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&lt;400&gt; 41

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19

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&lt;213&gt; Artificial

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&lt;223&gt; Synthetic

&lt;400&gt; 42

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18

&lt;210&gt; 43

&lt;211&gt; 19

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Synthetic

&lt;400&gt; 43

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&lt;211&gt; 27

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221324.Sequence Listing as filed by diskette Feb 21, 2003 10/505377

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27

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&lt;211&gt; 27

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&lt;220&gt;

&lt;223&gt; Synthetic

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&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Synthetic

&lt;400&gt; 48

gagagacaga caagagagaa gagaggttgc tc

32

&lt;210&gt; 49

&lt;211&gt; 32

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Synthetic

&lt;400&gt; 49

cctgtgtggg tggtcacatg gttcctaaga ag

32